INDEX

April to June, 1926.

[For Index of Legal Intelligence, Register of Patents, Correspondence, and Parliamentary Intelligence, see pp. vii. and viii.]

Abertillery Gas Undertaking, 286, 548
Accidents on Gas and Other Works, 234, 286, 412
Accounts, Field's Analysis of, 649
Accrington Gas Board, 114, 414, 548, 673, 674
Adams, Irving, and Cowdrey, Messrs., on Materials Testing, 156
Adaptable Union Company, 602
Advertising Gas, 474
Alder and Mackay, Ltd., 645
Aldershot Gas, &c., Company—
  Electrical Development, 283
  New Issue of Stock, 548, 744
  Staff Changes, 392, 584
Alkali, &c., Works, Report of the Chief Inspector on, 707, 734
Alliance and Dublin Consumers' Gas Company, 28, 51, 113
Amalgamated Engineering Union, 23
America—
  Coke Distribution in, 330
  Electricity Supply in, 452, 709
  Fuel Position in, 205
  Gas Company Statistics, 285
  Gas Consumer Shareholders in, 452
  Gas Consumers and Appliance Statistics, 658
  Official Bulletins and Reports, 590, 593
  Safety Records in, 55
American Chemical Society—
  Hall, Mr. E. L., on Hurdle Benzole Scrubbers, 596
  Huff, Mr. Wilbert J., on Carbon Disulphide in Coal Carbonization, 392
  Jubilee, 600
American Gas Association—
  Consumers and Gas Appliance Statistics, 658
  Report on the "Pier" Water Gas Process, 406
Analysis of Gas Accounts, Field's, 649
Annealing, Gas-Fired, 731
Antwerp Gas Exhibition, 339
Appliances—
  American Statistics, 658
  Safety of, From Producing Carbon Monoxide, 590
  Slot Meters and the Hire Purchase of, 145, 204, 227
Arbitration, Law of, 55
Arbroath Gas Undertaking—
  Centenary, 232
  Price Reduction, 474, 674
Arend and Wagner, Messrs., on Coke Reactivity, 398
Armco International Corporation, 659
Ascot Stands and Gas Cooking, 610
Ashbourne Gas Undertaking, 674
Ashford, Gas *v.* Electricity at, 26
Assessment Questions—
  Bye Products and Rating in Scotland, 582
  Machinery Rating Bill, 269
Association for Education in Industry and Commerce, 538, 597, 641
Association of Consulting Engineers, 608
Association of Private Owners of Railway Rolling Stock, 742
Atmospheric Pollution (*see also* Smoke Abatement)—Medical Profession and the Coal Report, 51
Auckland (N.Z.) Gas Company, 55
Autogenous Welding for Gas Plant, 466
Avery's, W. & T., Works Visited by the Society of Chemical Industry, 278

Badger, Mr. W. L., on Heat Transfer and Evaporation, 395
Baker, Mr. F. A., on Modern Method of Collecting Drips, 720
Banana Ripening by Gas, 225
Bangor Gas Undertaking, 548
Barash, Mr. M., on—
  Coking of Coals, 27
  Domestic Coke, 462
Barnard Castle Gas Company, 53
Barnet District Gas and Water Company, 114, 147, 234, 669
Barrett's, Mr. C. G., Address to the North of England Gas Managers' Association, 661
Barrow-in-Furness Gas Undertaking, 674
Bath Gas Light and Coke Company, 394
Batley, Favourable Terms for Gas Cookers at, 283
Belfast Gas Undertaking, 515
Belton, Mr. F. W. J., on Calorific Value, 404
Benton, Mr. W. A., on Weighing and Measuring in the Chemical Industries, 278
Benzole—
  Development in Germany, 205
  Hurdle Scrubbers for, 596
Benzole and Bye Products, Ltd., 228
Bideford Gas and Coke Company, 674
Bingley Gas Undertaking, 744
Bird, Mr. V. E., on Two-Part Gas Rate, 101
Birkenhead Gas Undertaking, 285
Birmingham—
  Gas Explosion in, 283
  Gas Lighting Centenary, 286
  Gas Meter Testing in, 409
  Presentation of an Open Space to, 610
Birmingham Drainage Scheme and Power Gas from Sludge, 285
Birmingham Gas Undertaking—
  Centenary, 286
  Effect of the Strike, 335
  Extensions, 54
  Long Service Presentation, 543
  Record Consumption, 204
  Sale of Appliances, 55
  Woodall-Duckham Vertical Retort Installation, 29
Blackburn Gas Undertaking, 285, 332, 394, 610, 674
Blackburn Public Halls, Gas for Heating, 414
Blackpool Gas Undertaking, 114, 168, 414, 548
Blaikie, Mr. J. R., on the Value of Large Electricity Consumers, 207
Blast Furnace Coke Research, 459
Blyth, Mr. Herbert, on Modern Telpherage and Ropeways, 654, 724
Boilers—
  Capacity of, The Therm as a Unit of the, 664
  Corrosion of, 48
  Feed Water Treatment, 35
  Steam, Coke Firing for, 586
  Waste-Heat, in Gas Works, 661
Bolton Gas Undertaking, 474
Bombay Gas Company, 234, 281
Bone, Prof. W. A., on—
  Combustion of Carbon Monoxide–Oxygen Mixtures, 217
  Combustion of Carbonic Oxide, 725
Books Received—
  An Introduction to Mechanics (Clatworthy), 156
  Coal and Ash Handling Plant (Troup), 731
  Electrician's Annual Tables, 399
  Field's Analysis, 649
  Fuel Economy Review, 163
  Fuels and Their Combustion (Haslam and Russell), 532
  Heat Transfer and Evaporation (Badger), 395
  Lancashire Coalfield, The King Seam (Stationery Office), 602
  Materials Testing (Irving, Cowdrey, and Adams), 156
  Modern Drying Machinery (Cronshaw), 156
  Modern Telpherage and Ropeways (Blyth), 654, 724
  O'Connor's Gas Engineers' Pocket Book, 34, 217
  Outlines of Inorganic Chemistry (Morris), 156
  Photography (Higgins), 156
  Relative Thermal Value of Gas and Electricity (Clerk), 398
  Safety in Mines (Research Board), 654
  Self Instruction for Students in Gas Supply, Advanced (Mentor), 156
  Self Instruction for Students in Gas Supply, Elementary (Mentor), 156
  Thermodynamics for Students in Chemistry (Hinshelwood), 648
Boraston, Col. J. H., on Co-Partnership in Industry, 52
Botley's, Mr. Charles F., Presidential Address to the Institution of Gas Engineers, 513, 579
Bournemouth Gas and Water Company, 335, 413
Bradford Gas Undertaking, 335, 624
Bradford Public Lighting, 610
Braine, Mr. J. H., on Forced Lubrication of Valve Stems, 107
Brass Melting by Gas, 276
Brett, Mr. C. W., on Autogenous Welding for Gas Plants, 466
Bridgnorth Gas Works Extensions, 167
Bridgwater Gas Light Company, 114, 166
Brighton and Hove Gas Company—
  Effect of General Strike, 335
  Order, 229
  Staff Change, 269
Briquette Makers and Pitch Specifications, 98
Briquetting, Delkeskamp Process of, 225
Bristol Gas Company, 335, 655
British Carbonized Fuels, 610
British Commercial Gas Association—
  District Conferences, 149, 272
  Fairy Gas Competition, 234
  Jamieson, Mr. J., on Giving the Public a Square Deal, 272
  Literature, 225
British Dyestuffs Corporation, 584, 744
British Gas Light Company—
  Hull Station, 395
  Norwich Station, 336
British Horological Institute—Mr. E. H. Horstmann on Clockwork Gas Controllers, 212, 279
British Industries Fair, 350, 671
British Science Guild—Sir Richard Redmayne on the Coal Mining Industry, 284
British Standard Specifications—
  Paint Materials, 98, 234
  Turpentine, White Spirit, and Linseed Oil, 737
British Sulphate of Ammonia Association Publications, 222
British Sulphate of Ammonia Federation—International Conference on Nitrogen Propaganda (*see* Nitrogen Propaganda)
British Tar Products, Ltd., 285
Brixham Gas Company, 53
Broadstairs Gas Company, 544
Brooks, Mr. H. W., on the Therm as a Unit of Boiler Capacity, 664
Brotherton and Co.'s Stourton Works Visited by the Yorkshire Junior Gas Association, 277
Brownlie, Mr. David, on—
  Carburite, 225
  Coal Blending, 600
Buckhaven and Leven Gas Company, 671
Budleigh Salterton Gas Company, 168
Bueb, Dr. Julius, on Determination of Price and Creation of New Forms of Nitrogen Fertilizers as Factors in Propaganda, 522
Building Industries and Gas, 213
Building Trades Exhibition, 151, 206
Burgess Hill Special Order, 544
Burlington, Novel Method of Clearing Tar from Gas Mains in, 343
Burners, Automatic Controllers for, 166, 212, 234, 279, 665, 738, 743
Burnham-on-Sea Gas Company, 332
Burnley Gas Undertaking, 394, 671
Burnley Public Lighting, 744
Burton-on-Trent Gas Undertaking, 672
Buxton Gas Exhibition, 285
Bye-Products—
  Exports, 331, 509
  Prices, 55, 114, 167, 233, 286, 350, 414, 473, 515, 610, 673, 743
  Returns for 1925, 707

Calorific Value—
  And Naphthalene Removal, 407
  Choice of a, 404
  Declarations of, 166, 671, 742
  Nuneaton Gas Company and, 283, 474
Calorimeter, Hand, 96
Cambrian Electricity Supply Corporation, Ltd., 24
Can Enamelling by Gas, 48
Cape Town and District Gas Company, 544
Carbon Dioxide and Spontaneous Combustion of Coal, 664
Carbon Disulphide in Carbonization, 392
Carbon Monoxide—
  And Oxygen Mixtures, Experiments on the Combustion of, 217
  Determination of Traces of, 530, 640
  Safety of Appliances from Producing, 590
Carbonic Oxide, Combustion of, 705, 725
Carbonization—
  Carbon Disulphide in, 392
  Complete Gasification—
    Correspondence, 738
    Davies, Everard, System of, 543
    Helps' Patent Litigation, 157, 543, 605, 669, 738, 740
    Tully-Yeo Plant, 22
  Low Temperature—
    American View of, 392
    And Share Pushing, 450
    Company's Position, 168, 450, 744
    Geisen System, 654
    Marshall, Mr. F. D., on, 279
    McEwen Runge System of, 542
    Question in Parliament, 739
  Vertical Chamber Ovens for, 401
Carburite, 225
Cardiff Gas Light and Coke Company, 168, 335
Centenary Celebrations—
  Arbroath, 232
  Perth, 275, 337
Chair Caning, Gas for, 450
Chalk Fuel, Power Gas, and Bye-Products Company, Ltd., 583
Chamber Oven, Koppers Vertical, 401
Chandler Medal, 664

Chapel Whaley and District Gas Company, 168
Chattock, Mr. R. A., on the Electricity Bill, 334
Chemical Society of Japan, 654
Chemical Topics from Current Literature, 99
Chemistry, Inorganic, 156
Chester Municipal Housing Scheme, 149
Chester United Gas Company, 350
Chesterfield Gas Undertaking, 94, 286
Chimney Pieces, Nautilus, 602
Chorley Corporation Bill, 408
Chorley Gas Undertaking, 548
Chrisman Water Gas Cycle, 407
Cincinnati, Meter Removal During Floods in, 279
City and Guilds of London Examinations, 546, 609
Clark's, Mr. A. M'G., Presidential Address to the Scottish Junior Gas Association, 223
Clatworthy, Mr. J. P., on An Introduction to Mechanics, 156
Clerk, Sir Dugald, on The Thermal Value of Gas and Electricity, 398
Clynes, The Right Hon. J. R., on The National Strike Doctrine, 391, 409
Coal—
  An International Conference on, 401
  And Electricity, 209, 329
  Blending in Gas Works, 21, 600
  Coking of, 27
  Commission Report—
    Editorial Comments, 201
    Medical Profession and the, 51
    Recommendations, 23, 93
  Constitution of, 278
  Emergency Regulations, 452, 710
  Examinations and Evaluation of, 20
  Exports, 331, 509
  Fuel in America, 205
  Gas Industry and, 664
  Incombustibles in, 668
  Industry—
    Dispute (*see* Coal Miners)
    Editorial Comments, 143, 201
    Redmayne, Sir Richard on, 284
  Output, 23
  Products Exhibition, 720
  Spontaneous Combustion of, 391, 664
  Subvention—
    Correspondence, 468
    Payments, 23
  Supplies During the General Strike (*see* Strike)
  Trade Reports, 54, 113, 167, 235, 285, 350, 414, 474, 515, 608, 672, 743
  Unclean, 642
Coal and Ash Handling Plant, 731
Coal Miners' Dispute, 327, 329, 330, 333, 387, 445, 506, 509, 511, 580, 639, 704, 721
Coal Oil Extraction, Ltd., 414
Coal Tar Distillation, 39
Coal Tar Distillation and Crude Intermediate Products, Examinations in, 609
Cohen, Prof. J. B., on Coke and the Domestic Smoke Problem, 54
Coke—
  And Coke Structure, 99
  And Smoke Abatement, 54
  Causes of Reactivity and Inactivity in, 98
  Coal Crisis and, 721
  Cooling Plant, Sulzer's, 340
  Determining the Characteristics of, 400
  Domestic, 462
  Exports, 331, 509
  For Replacing Anthracite, 271
  Production—
    Characteristics and, 160
    Coal Blending and, 21, 144
  Reactivity of, 398
  Supplies During the Strike (*see* Strike)
Coke and Bye-Products Manufacture, Examinations in, 609
Coke Firing for Steam Boilers, 586
Coke Oven Gas—
  At Low Temperatures, 101
  Supplies During the Strike, 446
Coke Oven Managers' Association—
  Kerr, Mr. H., on Coke and Coke Structure, 99
  Naylor, Mr. W. H., on Coke Oven Gas at Low Temperatures, 101
  Visits to Continental Works, 276
Coke Research, Blast Furnace, 459
Colombo Gas and Water Company, 231
Colwall Gas Company, 673
Colwyn Bay Electricity Undertaking, 95
Colwyn Bay Gas Undertaking, 228, 286, 548, 674
Combustion of Carbonic Oxide, 705, 725
Commercial Gas Company, 228, 744
Commercial Road Users' Association, 146
Companies as Voters, 205
Companies, New Joint Stock—
  British Carbonized Fuels, 610
  Coal Oil Extraction, Ltd., 414
  Lancashire Tar Distillers, Ltd., 282
  Lawson Manufacturing Company (1926), 673
  North Western Co-Operative Tar Distillers, Ltd., 350
  Pelaw Main Collieries, 474
  Targold (Scotland), Ltd., 548
  Tube Fittings, 54
Company—
  Laws and Worthless Shares, 643
  Promoters and the Gas and Electrical Industries, 24, 93, 113, 331, 583, 708
Competition of Gas and Electricity, 447, 463
Condensing System, Consummet Evaporative, 166
Consummet Evaporative Condensing System, 166
Cookers—
  Advantages of a Bottom Flue Outlet for, 601
  And Cooker Parts, Sand Blast for Cleaning, 396
Cooking—
  Electric, 112, 270
  Sunday Dinner and Morning Worship, 671
Co-Partnership—
  Chester United Gas Company and, 350
  Croydon Gas Company and, 548
  In Industry, 52, 168
  Lea Bridge Gas Company and, 350
  Members and the General Strike, 743
  Paddon, Mr. A. W., on, 474
Copp, Mr. Harold E., on Competition of Gas and Electricity, 447, 463
Corrosion, Problems of, 720
Councillors as Shareholders, 645
Courtis's, Mr. W. A., Presidential Address to the New Zealand Gas Institute, 403
Coventry Gas Undertaking, 284
Cowdrey, Irving, and Adams, Messrs., on Materials Testing, 156
Cracow Gas-Works, Koppers Vertical Chamber Ovens for, 401
Cripps, Mr. F. C., on Long Distance Transmission, 27, 164
Cronshaw, Mr. H. B., on Drying Machinery, 156
Croydon Gas Company, 548, 643

Danish Gas Company, 414
Darlington Gas Undertaking, 394
Darwen Corporation Bill, 409
Darwen Gas Undertaking, 414
Davidson's, Dr. W. B., Review of "Heat Transfer and Evaporation," 395
Davies', Everard, System of Carbonization, 543
Davies, Hartley, and Radiation, Messrs., on The Determination of Traces of Carbon Monoxide, 530, 640
Davis Gas Stove Company, 414
De Forest, Dr. Lee, on The Hint of Gas Flame Flicker, 527
Deaths—
  Anderson, W., 147, 205
  Brooke, Thomas, 147
  Burdis, Charles, 510
  Canning, Mrs. Jane, 332
  Dingley, J. H., 94
  Edwards, Reginald W., 94
  Fligg, George William, 332
  Halstead, Mrs., 510
  Lamond, A. W., 510
  Livesey, Mrs. Ann, 332
  Lloyd, A. Llewellyn, 24
  Pullman, Henry J., 392
  Simpson, Dr. John Bell, 205
  Thomas, Philip, 269
  Thornton, R. H., 510
Delegates, Expenses of, 285
Delkeskamp's, Dr. R., Process of Briquetting, 225
Dennis Motors for Gas Works Transport, 473
Derby Gas Light and Coke Company, 394
Devon Electric Light Company, 113
Devon Gas Association, 167
Devonport Gas Undertaking (*see* Plymouth Corporation)
Dewsbury Gas Undertaking, 158, 168, 216, 414, 548
Dewsbury Public Lighting, 544
Dickenson, Mr. H. W., on Landmarks in the History of Prime Movers, 331
Distribution—
  Experiences in, 406
  Long Distance, 27, 164
Dividend, Minimum, 704
Doncaster Gas Undertaking, 335, 392
Dorking Gas Company, 53
Dover Gas Company, 166
Dr. Barnardo's Homes Diamond Jubilee, 610
Driffield Gas Undertaking, 671
Drips, Modern Method of Collecting, 720
Drogheda Gas Undertaking, 674
Drogheda Gas Works Seized for Tax, 474
Duckham, Sir Arthur, on—
  Coal and Electricity, 209, 329
  Electricity Bill, 210
Dudley Gas Exhibition, 399
Dukinfield Gas Undertaking, 413
Dundee Gas Company, 673
Dye Trust, Expansion of the German, 548

East Retford Gas Undertaking, 166
Eastbourne Corporation Bill, 669
Edinburgh Gas Undertaking, 335, 674
Education in Industry, 538, 597, 641
Education Scheme, Scottish Juniors and the, 332
Eissman, Weaver, and Shawn, Messrs., on Safety of Appliances from Producing Carbon Monoxide, 590
Electric Construction Company, Ltd., 340
Electric Light and Power Contracts Finance Corporation, 583
Electrical Plant for Gas-Works, 340
Electrician Annual Tables of Electricity Undertakings, 393, 399
Electricity—
  All-Electric Houses, 25, 451
  American Statistics, 452
  And Coal, 209, 329
  Bill—
    Gas Industry and the, 50, 604, 644
    Interconnecting Stations, 148
    Loan Guarantees, 390, 393
    Opinions on—
      Chattock, Mr. R. A., 334
      Copp, Mr. Harold E., 447
Electricity Bill, Opinions on (*continued*)—
      Duckham, Sir Arthur, 210
      Editorial Comments, 19, 92, 144, 204, 267, 508
      Electrical Press, 333
      Electricians, 95, 473, 644
      Electricity Supply Memoranda, 206, 270, 333, 451, 709
      Pain, Mr. A. C., 508
      Public Press, 148, 511
      Smith, Prof. S. Parker, 473
    Progress, 25, 148, 393, 587, 644
  Bulk Production or—
    Independent Plants, 587
    Local Generation, 512
    Protection, 508, 512
  Consumption Statistics, 206
  Copper Control and, 149
  Electrician Annual Tables, 399
  Fire Risks and Dangers of, 96, 334, 474, 588, 672, 710
  Gas *versus* (*see* Gas)
  Generation—
    At the Pit Head, 234
    Costs, 207
    Economy of Private, 207
    Oil Fuel for, 588
    Sexton, Mr. F. P., on, 95
    Without Coal, 511
  In Coal Mines, 654
  Reliability of, 393
  Strike Experiences (*see* Strikes)
  Tariffs, 393
  Unemployment Grants for Works, 148
  Wiring Schemes, 95, 334, 512, 709
  Women and, 96
Electricity Commissioners, 148, 267
Electricity Development Association, 709
Elland-cum-Greetland Gas Company, 474
Elliott, Mr. C., on Smoke Abatement, 345
Embezzlement by Gas Official, 166
Enamelling, Gas for, 48
Engineering Trade Dispute, 146
Engineers, The Registration of, 448
Engines, Landmarks in the History of, 331
Evesham Gas Undertaking, 548
Ewart & Son, Ltd., 548
Examinations—
  Coal Tar Distillation and Crude Intermediate Products, 609
  Coke and Bye-Product Manufacture, 609
  Gas Engineering, 347
  Gas Supply, 347, 546
  Gas Works Practice, 546
  Gasfitting, 546, 609
Exhibitions—
  British Industries Fair, 350, 671
  Building Trades, 151, 206
  Gas—
    Antwerp, 339
    Buxton, 285
    Dewsbury, 168, 414
    Dudley, 399
  Laundry and Allied Trades, 332, 401
  Leicester Health, 671
  Morecambe Trades, 168, 234
  Nation's Health, 350
  National Coal Products, &c., 720
  Optical Convention, 162
  Smoke Abatement, 708, 721
Expenses of Delegates Attending Meetings, 285
Explosions—
  Acetylene, 515
  Gas, 283
Explosive Reactions in Gaseous Media, 735
Eynsham Gas Company, Ltd., 93

Faraday Society—Discussion on Explosive Reactions in Gaseous Media, 735
Farnham Gas and Electricity Company, 742
Fenny Stratford Gas Light and Coke Company, 114
Fertilizers Propaganda, 522, 594
Field's Analysis, 649
Fieldner, Mr. A. C., on Fuel Research, 276
Film Drying, Gas for, 48
Finsbury Public Lighting, 234
Fires, Outbreaks at Gas and Other Works, 114, 413
Firth, Mr. F., on A Gas Meter Problem, 41
Flame, Electrical Deflection of, 654
Flame Flicker, The Hint of a, 527
Flue Economy, Houses and, 149, 152
Flue Requirements in Housing Schemes, 589
Forge Work, Gas for, 104
Forshaw, Mr. Arthur, on Flue Requirements in Housing Schemes, 589
Forstall, Mr. W., on Burning-Out Pipe Joints, 157
Fort Collins, Three Part Gas Rates at, 459
Forth and Clyde and Sunnyside Companies, 27
Foul Mains, Wet, 467
Fruit and Health, 225
Frye, Mr. C., on Distribution, 406
Fuel—
  Pulverized, Dangers of, 271
  Research, 739
  Smokeless, The Problem of, 341
  Society of Chemical Industry, 654
  Technology and Organization, 27
Fuel Economy Review, 163
Fuel Research—Report on the King Seam of the Lancashire Coalfield, 602
Fuels and Their Combustion, 532
Fulton, Mr. David, on Sales Development, 33, 90, 106, 145
Furnace Walls, Heat Insulation of, 48

Garcke, Mr. E., on the Electricity Bill, 95
Gas—
A Possible Peak Load, 449, 451
American Statistics, 658
And Electricity—
Combined Supplies of, 282
Competition of, 447, 463
And Electricity Undertakings, Closer Co-operation between, 201
Charges and Sales Development, 202
Charging by Two Part Rate, 101
Charging for, on the Three Part Rate, 459
Competition (Fairy), 234
Consumers, A Square Deal with, 272
Consumption Restriction at the Source of Supply, 402
Doctor's Testimony to the Value of, 335
Electricity *versus*, 26, 398
High Temperature Measurement, 454
Houses Fitted Exclusively for, 474
Industry, Coal and, 664
Legislation, National Gas Council and, 266
Plants—
Autogenous Welding for, 466
Cheap Electricity from, 22
Storage, High-Pressure, 459
Supply to a New District in New Zealand, 404
Tester, Otto-Lux, 398
Unfair Statements in Regard to, 709
Gas and Fuel Plants, 168
Gas Engineer's Pocket Book, 34, 217
Gas Engineering, Examinations in, 347
Gas Light and Coke Company—
Bill, 234, 666, 704
Building Exhibition Pavilion, 151
Building Industries and Gas, 213
Editorial Comments, 704
Extensions at Staines Gas Works, 163
Finsbury Public Lighting Contract, 234
Lecture by Prof. W. A. Bone, 705, 725
Litigation Respecting Trench Accident, 350
Motor Transport's Championship Team, 473
Official Tests, 228
Research Fellowship, 712
Staff Change, 147
Standard Price Revision, 509
Strike Service, 509
Gas Oil Imports, 331, 510
Gas Referees' Notice to Gas Examiners, 333
Gas Regulation Act—
Amending Orders, 409, 473, 509, 742
And Electricity Delimitation, 643
Applications, 166, 228, 229, 409, 473, 544, 607, 608, 671, 742
Coal Emergency, 710
Declarations of Calorific Value, 166, 671, 742
Gas Examiners' Notice, 333
Gas Fund Contribution, 268
Orders Granted, 91, 350
Special Orders, 166, 228, 285, 350, 470, 473, 544, 608
Gas Research Fellowship, 722
Gas Supply—
Examinations in, 347, 546
Self Instruction for Students in, 156
Gas Works—
Amalgamation in Scotland, 30, 89, 105
Descriptions of—
Bristol, 655
Dewsbury, 158, 216
Dublin, 28
Hebden Bridge, 338
Holywood, 735
North Middlesex, 103
Perth, 223, 337
Portsea Island (Hilsea), 533
Retford, 455, 521
South Metropolitan (Old Kent Road), 154
Stockport, 45
Effluents, 146
Electrical Plant for, 340
For Sale, 474
Linking Up, in Scotland, 30, 89
Plant, Electric Welding of, 97, 145
Seized for Tax, 474
Gas Works Practice, Examinations in, 546
Gaseous Media, Explosive Reactions in, 735
Gasfitting, Examinations in, 546
Gasholder, Explosion in a Tankless, 641, 738
Gasholder Tanks, Formula for Steel, 225, 279
Gasholders—
Arc Welding for, 157
Electric Welding for, 97, 145
For Guiding Airmen, 234
New, 28, 275
Removing Tar from, 163
Tankless, 641, 738
Gasification, Complete (*see* Carbonization)
Geiger, Mr. C. W., on Gas for Forge Work, 104
Geisen Low Temperature Retort, 654
Germany—
Benzole as a Motor Fuel in, 205
Expansion of the Dye Trust in, 548
Gill, Mr. G. M., on a Possible Peak Load Gas, 449, 451
Glasgow, All Electric House at, 25
Glasgow Gas Undertaking—
Effect of the Coal Strike, 394, 413, 744
Strike, 113, 168, 203, 228, 670
Glasgow Lighting Department, 671
Glastonbury Gas Undertaking, 547
Gloucester Gas Light and Coke Company, 473
Godalming Gas and Coke Company, 544
Goodenough, Mr. F. W., on—
More Gas More Sunshine, 114
What Education is Doing for the Gas Industry, 597, 641
Governor—
A New Hydraulic, 109
Peebles' Self Loading Station, 208
Goyt Valley and a Projected Gas Works, 168
Graphs, The Value of, 508, 539
Gray, Prof. T., on Production and Characteristics of Coke, 160
Grays and Tilbury Gas Company, 166, 607
Grice and Wheeler, Messrs., on Safety in Mines, 654
Guildford Electricity Undertaking, 334

Hackney Borough Council Bill, 408
Hadfield, Mr. W. J., on Asphalt for Roads, 744
Hailstone, Mr. H. J., on—
Basis for Comparing Working Costs of Dry Gas Purification, 214
Chemical Topics from Current Literature, 100
Large Crystals in the Manufacture of Sulphate of Ammonia, 640, 646
Hair Drying, Gas for, 538
Halesowen Gas Company, 269
Halifax Corporation Bill, 604
Halifax Gas Undertaking, 394, 474, 548
Hall, Mr. E. L., on Hurdle Benzole Scrubbers, 596
Hamilton Gas Company, 643
Hampton Court Gas Company, 473, 544
Hanley's Safety Belt Appliances, 163
Hard, Mr. M. A., on Clearing Tar from Mains, 343
Harrogate Gas Company, 394, 610
Hartley, Davies, and Radiation, Messrs., on Determining Traces of Carbon Monoxide, 530, 640
Hastings and Russell, Messrs., on Fuels and Their Combustion, 532
Hastings and St. Leonards Gas Company, 335
Hastings Electricity Undertaking, 112, 148, 587
Hastings Pavilion, Electric Cooking Installation at, 112, 587
Haywards Heath District Gas Company, 168
Head, Mr. G. H., on Gas-Fired Annealing, 731
Heat Transfer and Evaporation, 395
Heathfield and Waldron Gas Company, 331
Hebden Bridge and Mytholmroyd Gas Board, 338, 414
Helps' Patent Litigation, 157, 543, 605, 669, 738, 740
Hereford Gas Undertaking, 230, 409
Hexham Gas Company, 147
Heywood, Charge of Stealing Gas at, 234
Higgins, Mr. A. T., on Photography, 156
High Pressure Distribution, 27, 164
High Pressure Gas Storage, 459
High Temperature Measurement, 454
Hinckley Gas Undertaking, 674
Hinshelwood, Mr. C. N., on Thermodynamics, 648
Hobley, Mr. F. E., on Treatment of Boiler Feed Water, 35
Hoddesdon Gas and Coke Company, 350
Holsworthy Gas and Electric Company, 414
Holywood Gas Works, 735
Homécourt, Sulzer Coke Cooling Plant for, 340
Hong Kong and China Gas Company, 414, 472
Horstmann, Mr. E. H., on Clockwork Gas Controllers, 212, 279
Horstmann's Automatic Light Controllers, 166, 665
Houses—
All Electric, 25, 474
All Gas, 474
Housing Schemes—
Flue Requirements in, 589
Gas and, 213
Gas *v.* Electricity for, 149
Tenants and the Choice of Cooking Media, 644
Unprofitable Electric Lighting, 511
Huddersfield Gas Undertaking, 283, 394
Huff, Mr. W. J., on Carbon Disulphide in Carbonization, 392
Humphrys, Mr. Norton H., on Restriction of Gas Consumption at the Source of Supply, 402
Hurdle Benzole Scrubbers, 596
Hyde Gas Company, 147
Hyde Park Gas Supply in Strike Time, 332
Hyde Park, Light Controllers in, 234, 665, 738

Illinois, Gas from Sewage in, 538
Illuminating Engineering Society—
Kerr, Dr. James, on School Lighting, 400
Walsh, Mr. J. W. T., on Research in Illumination, 512
Illumination—
International Commission on, 102
Research in, 512, 592
Illumination Committee of Great Britain—Annual Report, 407
Imperial College of Science and Technology—Gas Research Fellowship, 722
Imperial Continental Gas Association, 112, 147, 205, 410
Increases in Price, 474, 743, 744
Industrial Applications of Gas—
Annealing, 731
Banana Ripening, 225
Brass Melting, 276
Can Enamelling, 48
Caning Chairs, 450
Film Drying, 48
Forge Work, 104
Hair Drying, 538
In Chicago, 234
Knife Making, 277, 548
Reducing Lead Ore, 664
Sheffield Industries, 737
Industry—
Education in, 538
Government Departments and, 146
Insch New Gas Light Company, 114
Institution of Chemical Engineers, 109
Institution of Civil Engineers—
Awards for Papers, 523
Conversazione, 653
Reeson, Mr. J. N., on Electric Welding of Gas Works Plant, 97, 145
Institution of Electrical Engineers, 201
Institution of Engineers in Charge, 344
Institution of Fuel Technology, 27
Institution of Gas Engineers—
Annual Report, 460
Benevolent Fund, 449, 462
Council Meeting, 150, 586
Editorial Comments, 446, 507
Education Scheme, 332
Examinations, 347
Membership Qualifications, 507
Meter Stamping, 583, 585
Postponement of Annual Meeting, 387, 392, 579
Presidential Address of Mr. C. F. Botley, 513, 579, 584
Institution of Public Lighting Engineers, 332, 532, 645
Insulation of Furnace Walls, 48
International Commission on Illumination, 102
Iron, Gas Industry and the Use of Pure, 659
Iron and Steel Institute—Mr. David Brownlie on Coal Blending, 600
Irving, Cowdrey, and Adams, Messrs., on Materials Testing, 156

Jackman's Plant for Cleaning Cookers and Cooker Parts, 396
Jamieson, Mr. J., on Giving the Public a Square Deal, 272
Japan, Gas Works Regulations in, 55
Jenny's, Mr. R., American Gas Statistics, 285
Johannesburg, New Gas Works for, 54, 548

Kansas Gas and Electric Company, 55
Keith, James, and Blackman Co., Ltd., 674
Kerr, Dr. James, on School Lighting, 400
Kerr, Mr. H., on Coke and Coke Structure, 99, 144
Kidderminster and Stourport Tramways Bill, 409
King, Mr. A. Gordon, on Coal and the Gas Industry, 664
Knife Making, Gas for, 277, 548
Knutsford Gas and Water Company, 24
Kohr, Mr. A. A., on Naphthalene Removal and Calorific Value, 407
Koppers Vertical Chamber Oven, 401

Labour Questions (*see also* Strikes)—
Clynes, the Right Hon. J. R., on Strikes, 391, 409
Engineering Trade Dispute, 146
Strikers' Liability, 327
Trade Union Law, 708
Unions Alliance, 23
Works Councils and Workmen Directors, 232
Lambert Recording Demand Flowmeter, 596
Lamps, Gas, Lowering Gear for, 454
Lanarkshire, Gas Supply in, 30, 89, 105, 280
Lancashire Coalfield, The King Seam of the, 602
Lancashire Tar Distillers, Ltd., 282
Landmarks in the History of Prime Movers, 331
Laundry and Allied Trades Exhibition, 332, 401
Lawson Manufacturing Company (1926), 673
Lea Bridge Gas Company, 332, 350
Lead Ore, Reducing by Gas, 664
Leamington Priors Gas Company, 55
Leeds, All-Gas and All-Electric Houses at, 474
Leeds Gas Undertaking, 335, 742
Leeds University Extension Fund, 286
Legislation, The Gas Industry and, 266
Leicester Gas Undertaking, 55, 335
Leicester Health Exhibition, 671
Leigh Gas Undertaking, 671
Lexington (Mo.), Arc Welded Gasholder for, 157
Li and Parr, Messrs., on Spontaneous Combustion of Coal, 391
Liberty, Mr. W. J., on Underground London, 474, 546
Light and Power Finance Corporation, 113
Lighting—
Maintenance of Private, 218
School, 400
Lincoln Gas Undertaking, 395
Liverpool Gas Company, 335, 392, 396, 610
Liverpool Housing Schemes and Electricity, 511
Llanrwst Gas Company, 332
Loebinger, Herr K., on the Geisen Retort, 654
London Chamber of Commerce, Household Appliance Section, 671
London Electric Firm, 454
London—
City Lighting Inspector, 392
Underground, 168, 234, 474, 548
London and Southern District Junior Gas Association—
Annual Meeting, 528
Hobley, Mr. F. E., on Treatment of Boiler Feed Water, 35
Visits—
North Middlesex Gas Works, 103, 157
Portsea Island Gas Works, 529
Walker, Mr. Maurice, on Notes on Sulphate of Ammonia, 219
Whimster, Mr. F. C., on Maintenance, 218

London County Council—
And Gas and Electric Meters, 280
Bill, 668
Coal Incombustibles, 668
Coal Legislation, 642
Expenditure on Gas Inquiries, 673
Lighting Tenement Building Stairways, 744
Londonderry Gaslight Company, 55
Louth's New Electric Cooking System, 270
Low Temperature Carbonisation, Ltd., 168, 450, 744
Lowering Gear for Gas Lamps, 454
Lubrication, Forced, for Valve Stems, 107
Lyme Regis Town Council, 414
Lytham St. Annes Gas Undertaking, 610, 674

Machinery Rating Bill, 269
Maclaurin, Mr. R., on The Causes of Reactivity and Inactivity in Cokes, 98
Maintenance—
Free, and the Sliding Scale, 330
Private Lighting, 218
Malta and Mediterranean Gas Company, 548, 672
Manchester and District Junior Gas Association—
Mr. Frank S. Small on Tar Distillation, 39
Manchester Gas Undertaking, 336
Manchester Meter Testing Department, 282
Mantles—
British and Continental Manufacturers' Agreement, 23, 166
Imports, 228
Marriages, 94, 708
Marshall, Mr. F. D., on Low Temperature Carbonization, 279
Masonic—
Evening Star Chapter, 147
Evening Star Golf Society, 269
Evening Star Lodge, 584, 585
Materials Testing, 156
McEwen Runge Carbonization System, 542
McKenna, Mr. J. J., on Electric Cookery, 270
Measurement, High-Temperature, 454
Mechanics, An Introduction to, 156
Melbourne Metropolitan Gas Company, 51
Mentor, on Self-Instruction in Gas Supply, 156
Meter, Charge of By-Passing a, 234
Meters—
Lambert's Recording Demand Flowmeter, 596
London County Council and Gas and Electric, 280
Prepayment—
And Hire Purchase of Appliances, 145, 204, 227
Deposit Proof Valve for, 645
Thefts from, 54, 283
Prices and Quality of, 202, 227, 278, 673
Problems in Connection with, 41
Removal of, Owing to Floods, 278
Stamping of, 583, 585
Meters, Ltd., 610, 673
Michigan University, Gas Engineering at, 527
Middlesbrough Coke Oven Gas Supplies During the Coal Strike, 446
Midland Junior Gas Association—
Elliott, Mr. C., on Smoke Abatement, 345
Visits—
South Metropolitan Gas Company (Old Kent Road Works), 154
Wellington Tube Works, 108
Mitchell, Mr. R. B., on Electricity Conditions in America, 709
Modern Drying Machinery, 156
Modern Telpherage and Ropeways, 654, 724
Mond's, Sir Alfred, Presidential Address to the Society of British Gas Industries, 713
Monte Video Gas and Dry Dock Company, 234, 412
Morecambe Gas Undertaking, 395
Morecambe Trades Exhibition, 168, 234
Moreton Hampstead Gas Company, 332
Morley Gas Undertaking, 674
Morning Worship and Sunday Dinner, 671
Morpeth Gas Company, 234
Morris, Mr. J., on Inorganic Chemistry, 156
Mossley Corporation Special Order, 470
Motor Transport for Gas Works, 473
Munroe, Mr. Roy G., on Three Part Gas Rates, 459
Mynyddislwyn Urban District Council Bill, 228

Naphthalene Removal and Calorific Value, 407
Nation's Health Exhibition, 350
National Coal Products, Chemical and Engineering Exhibition, 720
National Gas Council—
And Legislation, 266, 389, 505
Annual General Meeting—
Address by Mr. Milne Watson, 524
General Business, 524, 527
Annual Report, 453
Central Executive Board Meeting, 150, 510
District Executive Board Meetings, 271, 642
Editorial Comments, 505
Gas Works Coal Supplies, 664
Joint Committee on Closer Co-Operation between Gas and Electricity Undertakings, 201
Orders Under the Gas Regulation Act, 91
Scottish District—
Annual Meeting, 585
Bye Products and Rating, 582
National Lime Association, 664
National Physical Laboratory, 722
Nautilus Chimney Pieces, 602
Naylor, Mr. W. H., on Coke Oven Gas at Low Temperatures, 101
Nelson, Gas Supply at, 515
New Jersey Gas Association, 407
New Zealand Gas Institute—
Belton, Mr. F. W. J., on Choice of a Calorific Value, 404
Frye, Mr. C., on Experiences in Distribution, 406
Presidential Address of Mr. W. A. Courtis, 403
Taylor, Mr. J. M., on Gas Supply to a New District, 404
Newbridge Automatic Controllers, 166
Newcastle-upon-Tyne and Gateshead Gas Company, 336
Newcastle-upon-Tyne Corporation Bill, 739
Nicholson, Mr. W., on Smoke Prevention, 232
Nicol, Mr. E. W. L., on Coke Firing for Steam Boilers, 586
Nielsen, Mr. Harald, on—
Long Distance Gas Transmission, 164
Oil from Coal, 581, 591, 650, 732
Nitrate and Competition, 146
Nitrogen Propaganda, International Conference on—
Bueb, Dr. Julius, on Factors in Propaganda, 522
Speyer, Mr. F. C. O., on Factors in Propaganda, 594
Noall, Mr. T., on Co-Partnership in Industry, 168
North British Association of Gas Managers—
Editorial Comments, 89, 90
Fulton, Mr. D., on the Policy in Developing Gas Sales, 33, 90, 106
Whyte, Mr. W. E., on The Question of Combining Gas Undertakings in Scotland, 30, 89, 105
North Middlesex Gas Company, 103, 157, 409, 584
North of England Gas Managers' Association—
Address of Mr. C. G. Barrett, 661
Copp, Mr. H. E., on Competition with Electricity, 463
Editorial Comments, 447, 508
General Business, 463, 466
Ruffhead, Mr. A. E., on Graphs, 508, 539
North Western Co-Operative Tar Distillers, Ltd., 350
Norway, Government Electricity Control in, 588, 644
Nottingham Gas Undertaking, 348, 336
Nuneaton Council and the Calorific Power, 283, 474
Nuneaton Gas Company, 283

O'Connor's Gas Engineers' Pocket Book, 34, 217
Official Changes—
Ashworth, J. D., 332
Bradshaw, J. R., 94
Briggs, George, 24
Brown, H. C., 147
Burton, Ernest L., 269, 584
Burton, Hyde Clark, 269, 584
Colley, P. W., 269
Cross, D. Cleave, 332
Cross, F. W., 332
Donaldson, Joseph, 450
Duthrie, G. H., 24, 147
Everest, H. H., 94
Ferns, John B., 643
Haynes, George, 392
Hughes, H., 332
Kenshole, W. T., 332
Lees, H. Douglas, 147
Liberty, W. J., 392
Livesey, D. T., 643
Pacey, S. O., 392
Ritchie, Douglas, 392
Thoms, Alfred, 332
Topley, W. W., 643
Winslow, D. J., 332
Winstone, C. J., 147
Wood, E. Y., 708
Wright, H. G., 584
Oil—
From Coal, 581, 591, 650, 732, 739
Prices, 538
Oldham Gas Undertaking—
Annual Report and Accounts, 744
Effect of the Strike, 395
Helps' Patent Litigation, 157, 543, 605, 669, 740
Oldham Public Lighting, 743
Omagh (Co. Tyrone) Gas Undertaking, 610
Optical Convention, 162
Oriental Gas Company, 168
Oswaldtwistle Gas Undertaking, 168, 473, 738
Otley Gas Company, 286
Otto-Lux Gas Tester, 398

Pacific Gas and Electric Company, 664
Paddon, Mr. A. M., on Co-Partnership, 474
Padiham Gas Undertaking, 234
Paint Materials Specifications, 98, 234
Parker, Dr. A., on Smokeless Fuel, 341
Parker-Smith's, Dr. S.—
All Electric House, 451
Views on the Electricity Bill, 473
Parkinson Stove Company, 743
Parr and Li, Messrs., on Spontaneous Combustion of Coal, 391
Patents, Committee on Dating and Sealing, 599
Peebles' Self Loading Station Governor, 208
Pelaw Main Collieries, 474
Permutit Water Softener, 662
Perry, Mr. J. A., on Low Temperature Carbonization, 392
Personal—
Barnett, Walter A., 147
Bisset, A. R., 643
Burgess, S. H. J., 643
Burton, A. H., 643
Burton, Ernest L., 269
Carr, Maj. W. M., 332
Fielden, William, 450
Goodenough, F. W., 94
Hampton, W. M., 708
Hurley, John J., 332
Jennings, G. L., 584
King, Dr. James G., 147
Langlands, S. H. B., 147
Lees, Herbert, 147
Leonard, John G., 94
Leonard, Julian M., 94
Mond, Sir Alfred, 584
Parker, Dr. Albert, 643
Perkin, Prof. A. G., 450
Probert, J. R., 643
Scott, Andrew, 205
Tervet, W. P., 584
Wainwright, J. H., 269
Weekes, R. C., 94
Westwood, W. W. Skidmore, 54
Wilkin, C. R., 643
Wood, Frank F., 643
Perth Gas Undertaking, 223, 275, 337
Photography, 156
Pier Process of Water Gas Making, 406
Pinkham Gas Works, 474
Pipes—
Adaptable Union for, 602
Corrosion of, 602
Dimensions of Iron and Steel, 738
Disposition of, under Streets, 601
Joints, Burning-Out, 157
Manufacture of, 108
Specification for Rubber, 538
Tar Removal from, 343
Welded Steel Sleeves for Cracked, 226
Wrought Iron v. Steel, 164, 227, 278
Pitch Specifications, 98
Plymouth and Stonehouse Gas Company, 336, 742
Plymouth Corporation Gas Undertaking—
Employees Presentation to late Engineer, 584
Irregularities, 234
Progress, 608
Staff Change, 94
Portland (Oregon), Welded Steel Sleeves for Cracked Mains at, 226
Portsea Island Gas Company, 336, 529, 533
Posen, Tankless Gasholder Explosion at, 641, 738
Preston Gas Company, 168, 336, 412
Prime Movers, Landmarks in the History of, 331
Primitiva Gas Company of Buenos Aires, 414, 471
Prodorite Acid Resisting Material, 602
Pulverized Fuel, Dangers of, 271
Purchase and Amalgamation Questions—
Insch, 114
Lyme Regis, 414
St. Marychurch, 55, 113
Purification, Basis for Comparing Working Costs of Dry, 214
Pyruma Fire Cement, 608

Quasi-Arc System of Welding, 97

Radcliff and Little Lever Joint Gas Board, 167
Radiation, Hartley, and Davies, Messrs., on The Determining of Traces of Carbon Monoxide, 530, 640
Radiation Bottom Flue Outlet for Cookers, 601
Rating of Machinery Bill, 269
Redcar Gas Undertaking, 114
Redditch Gas Company, 608
Redhill Gas Company, 168
Redmayne, Sir Richard, on the Future of the Coal Mining Industry, 284
Reductions in Price, 474, 548, 602, 671, 672, 673, 674, 744
Reeson, Mr. J. N., on Electric Welding of Gas Works Plant, 97, 145
Research—
Corrosion, 720
Fuel, 276, 739
Gas, 722
Illumination, 512, 592
Safety in Mines, 654
Retford Gas Undertaking, 392, 455, 521
Retorts, Vertical—
Glover-West Installation, 232
T. A. T. on, 26
Woodall-Duckham Installation at Birmingham, 29
Richmond (Yorks.) Gas Official Charged with Theft, 54
Ride and Bell's Combined Charging and Discharging Machine, 158
Roads—
Asphalt for, 744
Disposition of Pipes Under, 601
Fund, 146, 268, 642
Reinstatement of, 548
Tar Treated, 268
Trench Protection During Pipe Laying, 350
Rochester (U.S.A.), High Pressure Storage at, 459
Rolling Stock, Association of Private Owners of, 742

Rome Gas and Electric Light Company, 344
Rotameters in the Chemical Industry, 278
Royal Sanitary Institute Jubilee, 737
Ruthead, Mr. A. E., on Graphs, 508, 539
Runcorn Gas Undertaking, 743
Russell and Haslam, Messrs., on Fuels and Their Combustion, 532

St Marychurch Gas Works Amalgamation Question, 55, 113
St. Pancras Electricity Undertaking, 452
Safeguarding of Industries Act—
  Gas Mantles and, 23
  Report of the Committee, 205
Safety First—
  America and, 55
  Belt Appliances, 163
  Jury System, 53
Safety in Mines Research Board, 654
Sales—
  Developing Gas, 33, 90, 106, 202
  Industrial Salesmen's Conference, 145
Salford Gas Undertaking, 285
Salisbury Gas Company, 450
Sand Blast for Cleaning Cookers and Cooker Parts, 396
School Lighting, 400
Schrader, Dr. J. H., on Gas Tubing Specification, 538
Scotland, Combining Gas Undertakings in, 30, 89, 105
Scottish Junior Gas Association—
  (Eastern District.)
  Education Scheme, 332
  Presidential Address of Mr. A. M'G. Clark, 223
  Visits Cancelled, 596
  (Western District.)
  Education Scheme, 332
  Gray, Prof. T., on Production and Characteristics of Coke, 160
  Visit to the Works of the Forth and Clyde and Sunnyside Companies, Ltd., 27
Scrubbers for Benzole, 596
Sexton, Mr. F. P., on Mass Production of Electricity, 95
Shareholders—
  Gas Consumers as, in America, 452
  Town Councillors as, 645
Shares and Stocks—
  Charge of Fraudulent Misrepresentation, 113
  Market Reports, 56, 115, 169, 235, 287, 351, 415, 475, 549, 615, 675, 745
  New Issues, 55, 114, 234, 279, 282, 548, 674, 744
Shawn, Weaver, and Eiseman, Messrs., on Safety of Appliances from Producing Carbon Monoxide, 590
Sheffield Gas Company, 336, 450, 738
Sheffield Industries, Gas Used in, 737
Sheffield Society of Engineers—Prof. R. V. Wheeler on Determining the Characteristics of Coke, 400
Sheffield University, 459
Shibata, Mr. Yuzaburo, on Electrical Deflection of Flame, 654
Shotley Bridge and Consett District Gas Company, 55
Sidmouth Gas Undertaking, 395
Singapore Gas Supply, 473
Sinkinson and Turner, Messrs., on Carbon Dioxide and Spontaneous Combustion of Coal, 664
Skelton Electricity Consumers and the Coal Shortage, 547
Skipton Gas Undertaking, 284
Sliding Scale—
  Free Maintenance and the, 330
  Minimum Dividend, 666, 704
Sludge, Power Gas from, 285, 538
Small, Mr. Frank S., on Coal Tar Distillation, 39
Smethwick Gas Undertaking, 742
Smith, Dr. Parker, on An All-Electric House, 25
Smoke Abatement—
  Bill, 22, 94, 55, 204, 227, 228, 269, 707
  Coke Fuel and, 54
  Editorial Comments, 642
  Elliott, Mr. C., on, 345
  Exhibition, 708, 721
  Gas and, 114
  Medical Profession and, 51
  Nicholson, Mr. W., on, 232
  Parker, Dr. A., on, 341
Society of Arts—
  Bone, Prof. W. A., on The Combustion of Carbon Monoxide-Oxygen Mixtures, 217
  Boraston, Col. J. H., on Co-Partnership in Industry, 52
Society of British Gas Industries—
  Annual Dinner, 717
  Editorial Comments, 703
  Presentation to the Secretary, 713
  Presidential Address of Sir Alfred Mond, 713
  Registered Trade Mark, 718
  Twenty-first Anniversary, 703, 711
Society of Chemical Industry—
  Annual Meeting, 542, 584
  Benton, Mr. W. A., on Weighing and Measuring in the Chemical Industries, 278
  Duckham, Sir Arthur, on Coal and Electricity, 209, 329
  Fuel Section, 654
  Maclaurin, Mr. R., on the Causes of Reactivity and Inactivity in Cokes, 98
  Problems of Corrosion, 720
  Proposed Exhibition, 648
Society of Chemical Industry (*continued*)—
  Trost, Mr. H. R., on Rotameters in the Chemical Industry, 278
  Wheeler, Dr. R. V., on the Constitution of Coal, 278
Society of Engineers—Mr. H. W. Dickenson on Landmarks in the History of Prime Movers, 331
Society of Technical Engineers, 448
Solihull Gas Company, 114, 279
South African Lighting Association, 548, 606
South Durham Steel and Iron Company, 166
South Metropolitan Gas Company—
  New Hydraulic Governor at East Greenwich, 109
  Official Tests, 228
  Price Increase, 744
  Visit to Works, 154
  Works Councils and Workmen Directors, 232
South Midlands and Berkshire Electric Light and Power Company, 93
South Shields Gas Company, 395
South Suburban Gas Company—
  New Stock Issue, 282, 414
  Official Tests, 228
South Wales Institute of Engineers—Mr. David Brownlie on Carburite, 225
Southampton Gas Light and Coke Company, 336
Southern Association of Gas Engineers and Managers' Visit to Bristol, 345, 655
Southern Counties Electric Light and Power Supply, Ltd., 708
Southern Railway Bill, 409
Southgate and District Gas Company, 544, 584
Sowerby Bridge Gas Committee, 414
Specifications—
  Paint Materials, 98, 234
  Pitches, 98
Speyer, Mr. F. C. O., on Factors in Nitrogen Propaganda, 594
Spurr, Rev. F. C., on Morning Worship and Sunday Dinner, 671
Stafford Gas Undertaking, 336, 674
Stanton Iron Works, Veteran Workers at, 232
Stealing Gas, 234
Stein, Mr. Louis, on a Wet Foul Main, 467
Stockport Electricity Works, 45
Stockport Gas Undertaking, 45, 395
Stocksbridge, Light and Fuel Shortage at, 474
Stockton-on-Tees Gas Undertaking, 336
Stoke-on-Trent Gas Undertaking, 742
Stoking Machinery, Ride and Bell's, 158
Stourbridge Gas Undertaking, 674
Strabane, Cheaper Gas at, 602
Strachekling's Hand Calorimeter, 96
Strikes—
  Co-Partnership and, 474, 743
  Coal Miners (*see* Coal Miners)
  Gas Workers, 113, 168, 203, 228
  General—
    Clynes, Right Hon. J. R., on, 391, 409
    Co-Partnership and the, 474, 743
    Cost of the, 390
    Davis Gas Stove Company's Experience, 414
    Editorial Comments, 265, 327, 328, 449
    Effect of, on Unemployment, 331, 450, 544
    Electricity Stations and, 511
    Emergency Regulations—
      Contravention of, 584
      Directions to Gas Undertakings, 710
      Duration of, 330
      Electricians' Imaginary Grievance, 709
      Humphrys, Mr. Norton H., on, 402
      Text of the, 452
    Gas and Coke Supplies During the, 335, 388, 394, 402, 413, 474, 511, 664, 670, 674
    Lessons of the, 450
  Legislation and, 391
Suffocation, Cases of, 166, 280
Sulphate of Ammonia—
  Exports, 331, 583
  Manufacture of, Large Crystals in the, 640, 646
  Notes on, 219
  Returns for 1925, 707
  Wilton's Plant, 220
Sulzer Coke Cooling Plant, 340
Swansea Gas Light Company, 336

T. A. T. on The Case for Verticals, 26
Tamworth Gas Light and Coke Company, 742
Tar—
  Dehydration, Small Works and, 706, 723
  Distillation at a Steel Works, 34
  Road Treatment by (*see* Roads)
Targold (Scotland), Ltd., 548
Taylor, Mr. J. M., on Gas Supply to a New District, 404
Therm As a Unit of Boiler Capacity, 664
Thermal Value of Gas and Electricity, 398
Thermodynamics for Students of Chemistry, 648
Thornton Gas Undertaking, 168
Timaru (New Zealand) Gas Company, 403
Tipton Gas Undertaking, 166
Tiverton Gas Undertaking, 414
Torquay and Paignton Gas Company, 55, 113, 608
Tottenham District Light, Heat, and Power Company, 228
Trade Notes, 54, 114, 166, 231, 286, 350, 474, 515, 608, 673, 744
Trade Union Law, 708
Trench Protection During Pipe Laying, 350
Trost, Mr. H. R., on Rotameters in the Chemical Industry, 278
Troup, Mr. J. D., on Coal and Ash Handling Plant, 731
Tube Fittings, 54
Tully-Yeo Carbonization System, 22
Turner and Sinkinson, Messrs., on Carbon Dioxide and Spontaneous Combustion of Coal, 664
Turpentine, White Spirit, and Linseed Oil Specifications, 737

United District Gas Company, 473
United Steel Companies Tar Distillation Plant, 34
Uxbridge, Maidenhead, Wycombe, and District Gas Company, 409, 548

Valve, An Oil Operated Remote Control, 731
Valve Stems, Forced Lubrication for, 107
Voters, Companies as, 205

Wagner and Arend, Messrs., on The Reactivity of Coke, 398
Wales and Monmouthshire Junior Gas Association, 226
Walker, Mr. Maurice, on Notes on Sulphate of Ammonia, 219
Wallasey Gas Undertaking, 395, 474
Walsh, Mr. J. W. T., on Research in Illumination, 512
Wandsworth, Wimbledon, and Epsom District Gas Company, 228
Warrington Gas Department, 643, 743
Warwickshire and South Midland Electricity Supply Corporation, 583
Water Gas—
  Chrisman Cycle, 407
  Pier Process of, 406
Water Softening Processes, 35, 662
Watson's, Mr. Milne, Address to the National Gas Council, 524
Waverley Association of Gas Managers—
  Annual Meeting, 706, 723
  Editorial Comments, 706
  Presidential Address of Mr. L. Farquhar, 706, 723
Weaver, Eiseman, and Shawn, Messrs., on Safety of Appliances from Producing Carbon Monoxide, 590
Weighing and Measuring in the Chemical Industries, 278
Welding—
  Autogenous, Gas Plant and, 466
  Electric, for Gas Works Plant, 97, 145, 157
Wellington (N.Z.) Gas Company, 53
Wellington (Somerset) Gas Company, 269, 332
Wellington Tube Works, 108
Welsbach Light Company, 168
Welwyn and Hatfield Gas Company, 114, 282
Wesselink, M. F. A., on Coking of Coals, 27
West Bromwich Gas Undertaking, 166
West's Gas Improvement Company, 232
Weyman, Dr. Geoffrey, on The Examination and Evaluation of Coals, 20
Weymouth Consumers' Gas Company, 708
Weymouth Housing Scheme and Tenants' Rights, 644
Wheeler, Dr. R. V., on—
  Constitution of Coal, 278
  Determining the Characteristics of Coke, 400
Wheeler and Grice, Messrs., on Safety in Mines, 654
Whimster, Mr. F. C., on Maintenance of Private Lighting, 218
Whitley, Mr. W. N., on High Pressure Gas Storage, 459
White, Mr. J. T., on Tube Manufacture, 108
Whyte, Mr. W. E., on The Question of Combining Gas Undertakings in Scotland, 30, 89, 105
Widnes Gas Undertaking, 166, 350, 671
Wills, 163, 344
Wilson, Mr. H., on Gas *v.* Electricity, 26
Wilton's Sulphate of Ammonia Plant, 220
Wirral Gas Supply Question, 285
Women's Electrical Association, 96
Woodall-Duckham Vertical Retort Installation, 29
Works Councils and Workmen Directors, 232
Worthing Gas Light and Coke Company, 55

Yorkshire Junior Gas Association—
  Firth, Mr. F., on A Gas Meter Problem, 41
  Visit to Brotherton & Co.'s Stourton Works, 277
Youghal (Co. Cork) Gas Company, 672

LEGAL INTELLIGENCE.

By-Passing a Meter at Heywood, 234
Embezzlement Charge at Tipton, 166
Gas Light and Coke Company *v.* Norton, 350
Helps *v.* Oldham Corporation, 543, 605, 669, 740
Prepayment Meter Theft, 283
Steam Wagon and a Filled-in Trench, 548
Tipton, Embezzlement Charge at, 166
Trench, Protection of, 350
Uxbridge Gas Company, Claim Against the, 54

REGISTER OF PATENTS.

[*The names printed in italics are those of persons by whom patents have been communicated.*]

Ab-Der-Halden, C.—Continuous Distillation of Tar and Rectification, 49
Albach, F.—Quenching Coke, 665
Aldridge, J. G. W., Carr, W. M., and Ashley, A. E.—Stand-Pipes, 111
Barker Perkins Co., Inc.—Tubular Gas Burners, 665
Bingham, J. H., and Glover, G., & Co., Ltd.—
Coin Freed Mechanism, 110
Coin Receptacles, 665
Birks, N. A.—Pipe Cleaning by Suction, 165
Carpenter, C., and the South Metropolitan Gas Co.—Gas Fires, 408
Coulier, S.—Purification of Gas, 469
Degenhardt, W. R.—Discharging Doors for Retorts, 469
Dempster, R., & Sons, Ltd., and Barnes, A.—Filling Skips, &c., 50
Dempster, R. & J., Ltd., and—
Dempster, C.—Dip Portions of Telescopic Gasholders, 111
Scott, J. W.—
Cup Portions of Telescopic Gasholders, 112
Rest Blocks for Gasholders, 111
Scott, J. W., and Sheeran, A. J.—
Combined Tank Stiffeners and Carriage Supports, 346
Weighting of Gasholders, 408
Denis, J.—Treatment of Waste Liquors, 665
Frankl, M.—Water-Gas Generator, 164
Gas Light and Coke Company, and Cozens, A. A.—Breaking-Down Calcareous Deposits, 165
Hansford, J.—Meters, 346
Headon, J. T.—Gas Fires, 110
Helps, G.—
Burners, 408, 603
Gas Fires, 110, 739
Gas Manufacture, 469
Holmes, W. C., & Co., Ltd., Cooper, C., and Henshaw, D. M.—Drying Gases, 164
House, G.—Distance Control for Gas Lighting, 49
Humphreys & Glasgow, Ltd.—
Purifying Gases, 110
Water Gas Making, 346
Illingworth Carbonization Co., Ltd., and Illingworth, S. R.—
Carbonization of Coal, 49
Cooling of Coke, 49
Keith & Blackman Co., Ltd.—Tubular Gas Burners, 665
Keith & Blackman Co., Ltd., and Keith, G.—Governor, 111
Klonne, Aug.—Dry Gasholders, 603
Koppers Company—Coking Retort Ovens, 346
Laing, B., and Nielsen, H.—Washing Coal, &c., 468
Merz & McLellan and Riley, W. A.—Fuel Distillation, 346, 603
Miles, T. V., Allott, G. W., and Newton Chambers & Co., Ltd.—Purification, 665
Power-Gas Corporation, Ltd., and Rambush, N. E.—Combustible Gases and Coke from Bituminous Fuel, 110
Radiation, Ltd., and Yates, H. J.—Washing Boilers, 739
Reeson, J. N., and Moss, W. L.—Purifying Gases, 408
Rude, J.—Carbonization, 165
Smith Meters, Ltd., and Smith, E. W.—Gas Meter Stuffing Boxes, 165
Tilley, F. C.—Water Heater, 468
Toogood, H. J., and Dempster, R., & Sons, Ltd.—Hydraulic Mains, 346
Turner, E.—Burners for Singeing, 346
Waller, G., & Son, Ltd., and Hilson, A.—Pressure or Vacuum Regulator, 165
Williams, A. H. T.—Gasholders, 50
Williams, R. A.—Transporter Skip, 110
Wilson, W.—Meters, 408
Woodall-Duckham (1920), Ltd., Richards, F. B., and Reber, J. W.—Vertical Retort Discharger, 603
Wussow, R.—Dry Cooling of Coke, 739

248,518. Bituminous Fuel, Combustible Gases and Coke from—Power Gas Corporation, Ltd., and Rambush, N. E., 110
Burners—
250,635. Adjustable Nipple for—Helps, G., 603
250,281. Regulating Disk for—Helps, G., 408
249,454. Singeing—Turner, E., 346
251,907. Tubular—Keith & Blackman Co., Ltd., 665
248,886. Calcareous Deposits, Breaking-Down—Cozens, A. A., and the Gas Light and Coke Company, 165
248,967. Carbonization—Rude J., 165
248,077. Coal, Carbonization of—Illingworth Carbonization Co., Ltd,, 49
248,491. Coin Freed Mechanism—Bingham, J. H., and Glover, G., & Co., Ltd., 110
Coke—
248,078. Cooling of—Illingworth Carbonization Co., Ltd., 49
251,530. Dry Cooling of—Wussow, R., 739
246,497. Quenching—Albach, F., 665
248,102. Distance Lighting, Controller for—House, G., 49
248,841. Drying Fuel Gases—Cooper, C., Henshaw, D. M., and W. C. Holmes & Co., Ltd., 164
Fuel Distillation—
249,236. Merz & McLellan, and Riley, W. A., 346
251,051. Merz & McLellan, and Weeks, E. G., 603
251,052.
Gas Fires—
250,500. Carpenter, C., and South Metropolitan Gas Co., 408
248,141. Headon, J. T., 110
248,407. Helps, G., 110, 739
Gasholders—
248,690. Cups of Telescopic—Dempster, R. & J., Ltd., and Scott, J. W., 112
248,689. Dip Portions of Telescopic—Dempster, R. & J., Ltd., and Dempster, C., 111
251,222. Dry—Klonne, Aug., 603
248,261. Increasing Storage Capacity of—Williams, A. H. T., 50
248,691. Rest Blocks for—Dempster, R. & J., Ltd., and Scott, J. W., 111
250,159. Weighting of—Dempster, R. & J., Ltd., Scott, J. W., and Sheeran, A. J., 408
248,578. Governor—Keith & Blackman Co., Ltd., and Keith, G., 111
249,620. Hydraulic Mains—Toogood, H. J., and Dempster, R., & Sons, Ltd., 346
Meters—
249,203. Bellows of,—Hansford, J., 346
248,491. Coin Freed Mechanism for—Bingham, J. H., and Glover, G., & Co., Ltd., 110
252,289. Coin Receptacles for—Bingham, J. H., and Glover, G., & Co., Ltd., 665
250,073. Improved Construction of—Wilson, W., 408
250,626. Mixed Gas Plant—Helps, G., 469
248,867. Stuffing Boxes of—Smith Meters, Ltd., 165
248,918. Pipe Cleaning by Suction—Birks, N. A., 165
249,003. Pressure or Vacuum Regulator—Waller, G., & Son, Ltd., and Hilson, A., 165
251,755. Purification—Miles, T. V., Allott, G. W., and Newton Chambers & Co., Ltd., 665
Purifying Gases—
250,837. Coulier, S., 469
237,920. Humphreys & Glasgow, Ltd., 110
249,312. Reeson, J. N., and Moss, W. L., 408
246,500. Retort Ovens, Coking—Koppers Company, 346
Retorts—
251,043. Discharger for Vertical—Woodall-Duckham (1920), Ltd., Richards, F. B., and Reber, J. W., 603
250,716. Discharging Doors for—Degenhardt, W. R., 469
249,454. Singeing Burners—Turner, E., 346
Skips—
248,110. Filling—Dempster, R., & Sons, Ltd., and Barnes, A., 50
245,545. Transporter—Williams, R. A., 110
248,557. Stand Pipes—Aldridge, J. G. W., Carr, W. M., and Ashley, A. E., 111
250,157. Tank Stiffeners and Carriage Supports—Dempster, R. & J., Ltd., Scott, J. W., and Sheeran, A. J., 346
239,841. Tar, Continuous Distillation and Rectification of—Ab-Der- Halden, C., 49
251,043. Vertical Retort Discharger—Woodall-Duckham (1920), Ltd., Richards, F. B., and Reber, J. W., 603
251,785. Washing Boilers—Radiation, Ltd., and Yates, H. J., 739
250,291. Washing Coal, &c.—Laing, B., and Nielsen, H., 468
250,824. Waste Liquors—Treatment of—Denis, J., 665
240,466. Water Gas Generator—Frankl, M., 164
242,237. Water Gas Making—Humphreys & Glasgow, Ltd., 346
250,406. Water Heater—Tilley, F. C., 468

Applications for Patents, 55, 112, 165, 233, 286, 469, 603, 604, 665

CORRESPONDENCE.

Carbon—Mediation, but not Subsidizing, 468
Davies, W. Everard—
Carbonization, 543
Complete Gasification, 738
Gas Meter Company, Ltd.—Controllers for Hyde Park Lamps, 738
Glover & Co., Thos., Ltd.—Gas Meter Prices, 278
Gunning, John—Mr. Horstmann's Lecture, 279
Hardiker, E.—Slot Meters and Hire Purchase, 227
Horstmann Gear Company, Ltd.—Controllers for Hyde Park Lamps, 665
Jones, A. O.—Steel Gasholder Tanks, 279
Le Boutillier, J., Ltd.—Posen Tankless Holder Explosion, 738
Marshall, F. D.—Distillation of Coal by Low Temperature Process, 279
Nielsen, Harald—Long Distance Gas Transmission, 164
Prodorite, Ltd.—Corrosion of Gas Mains, 602
Russell & Co., John, Ltd.—Wrought Iron and Steel Tubes, 278
Shadbolt, R. G.—Gas Meter Prices, 227
Smith, Edward, Ltd.—Wrought Iron and Steel Tubes, 278
Stewarts & Lloyds, Ltd.—Dimensions of Iron or Steel Tubes, 738
Wellington Tube Works, Ltd.—Wrought Iron and Steel Tubes, 227
Woodfine, H. J.—Wrought Iron and Steel Tubes, 164

Complete Gasification—Davies, W. E., 738
Controllers for Hyde Park Lamps—
Gas Meter Company, Ltd.—738
Horstmann Gear Company, Ltd., 665
Corrosion of Gas Mains—Prodorite, Ltd., 602
Everard Davies System of Carbonization—Davies, W. E., 543
Gas Meter Prices—
Glover & Co., Thos., Ltd., 278
Shadbolt, R. G.—227
Horstmann's, Mr., Lecture—Gunning, J., 279
Iron or Steel Tubes, Dimensions of—Stewarts & Lloyds, Ltd., 738
Long Distance Gas Transmission — Nielsen, Harald, 164
Low Temperature Process, Distillation of Coal by—Marshall, F. D., 279
Mediation, but not Subsidizing—Carbon, 468
Posen Tankless Holder Explosion — John Le Boutillier, Ltd., 738
Slot Meters and Hire Purchase—Hardiker, E., 227
Steel Gasholder Tanks—Jones, A. O., 279
Wrought Iron and Steel Tubes—
Russell & Co., John, Ltd., 278
Smith, Edward, Ltd., 278
Wellington Tube Works, Ltd., 227
Woodfine, H. J., 164

PARLIAMENTARY INTELLIGENCE.

British-German Gas Mantle Agreement, 166
Chorley Corporation Bill, 408
Darwen Corporation Bill, 409
Electricity Bill and the Gas Industry, 604
Fuel Research, 739
Gas Industry and the Electricity Bill, 50, 604
Gas Light and Coke Company's Bill, 666
Gas Mantle Imports, 228
Gas Regulation Act, 50, 166, 408, 543, 604
Hackney Borough Council Bill, 408
Halifax Corporation Bill, 604
Kidderminster and Stourport Tramways Bill, 409
London County Council (General Powers) Bill, 668
Low Temperature Carbonization, 739
Mynyddislwyn Urban District Council Bill, 228
Newcastle-upon-Tyne Corporation Bill, 739
Oil from Coal, 739
Progress of Bills, 50, 227, 228, 408, 543, 604, 739
Smoke Abatement, 228
Smoke Abatement Bill, 227
Southern Railway Bill, 409
Special Orders, 50, 227, 408, 543, 604, 793

Printed (at the Chancery Lan Printing Works, Ltd.) for WALTER KING, LIMITED, No. 11, BOLT COURT, FLEET STREET, LONDON, E.C.4.—Wednesday, July 21, 1926